



*The South Capitol Gateway and Corridor Improvement Study*



# South Capitol Gateway Corridor and Anacostia Access Studies



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District Department of Transportation

## Goals

- Replace the bridge with a world-class structure.
- Transform South Capitol Street into a gracious urban gateway.
- Accommodate transit, bicyclists, and pedestrians.
- Link South Capitol Street to Washington's Monumental Core.
- Encourage housing, retail, and other amenities.
- Provide better access to both banks of the Anacostia River.
- Enhance both national and homeland security.
- Achieve through extensive and thoughtful public involvement.



## Study Area



# Near Term Improvements



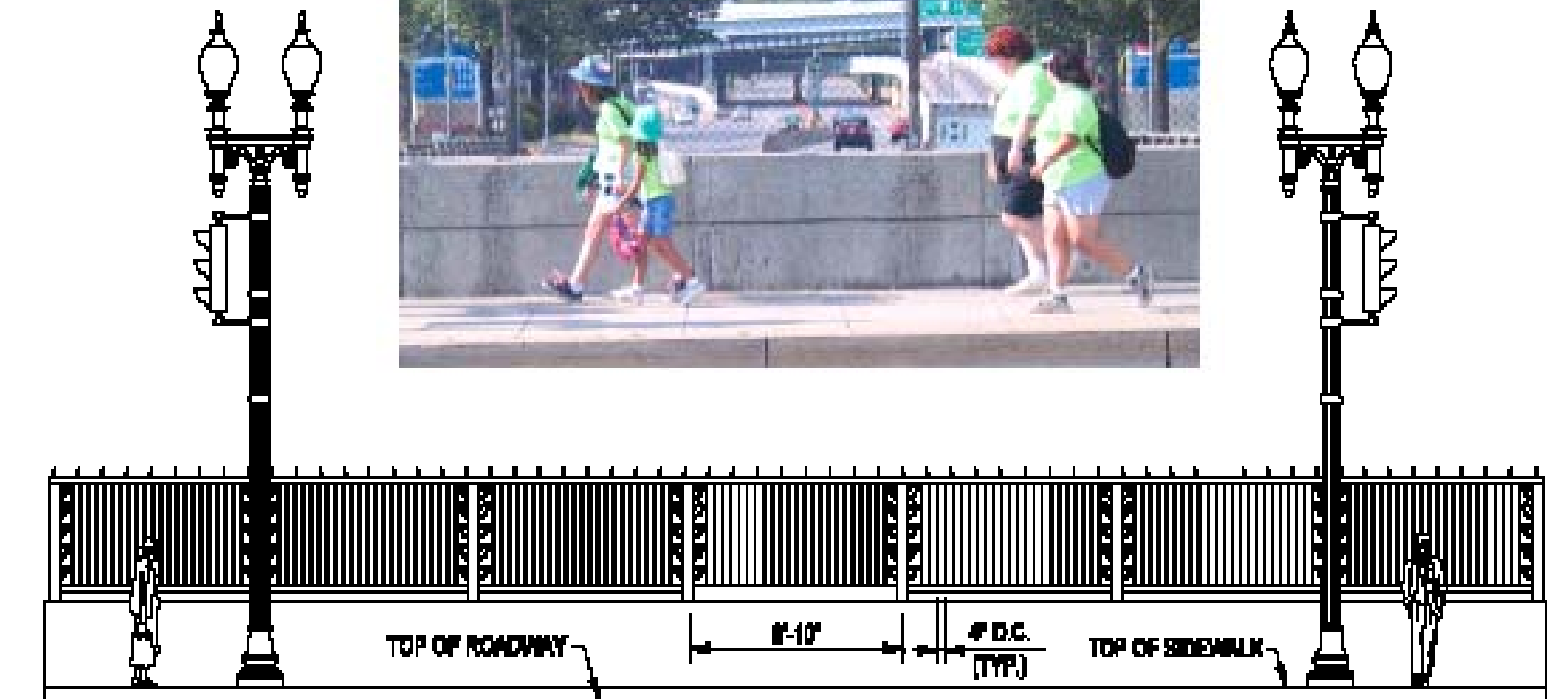
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## M street over South Cap St



Near Term Improvements using DC Standard Components



## N Street Crossing / Pedestrian Safety



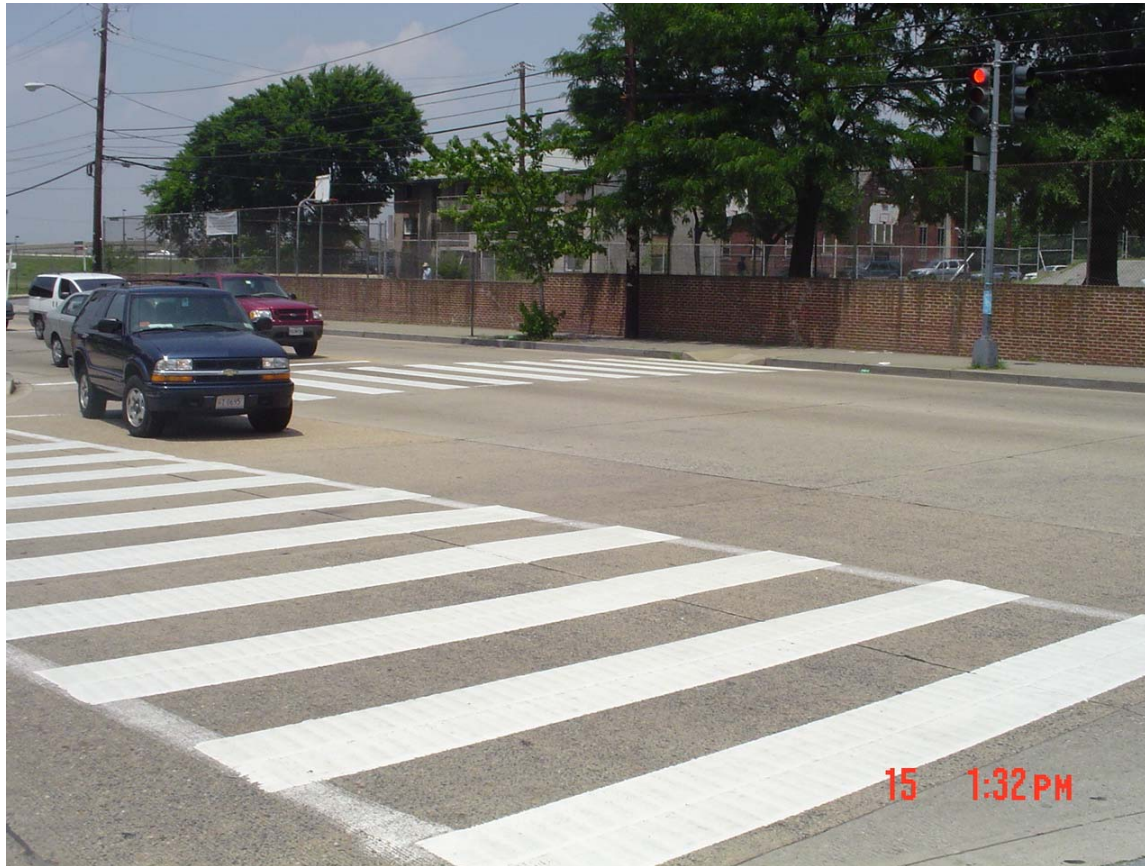


## 2005 Pedestrian & Lighting Improvements

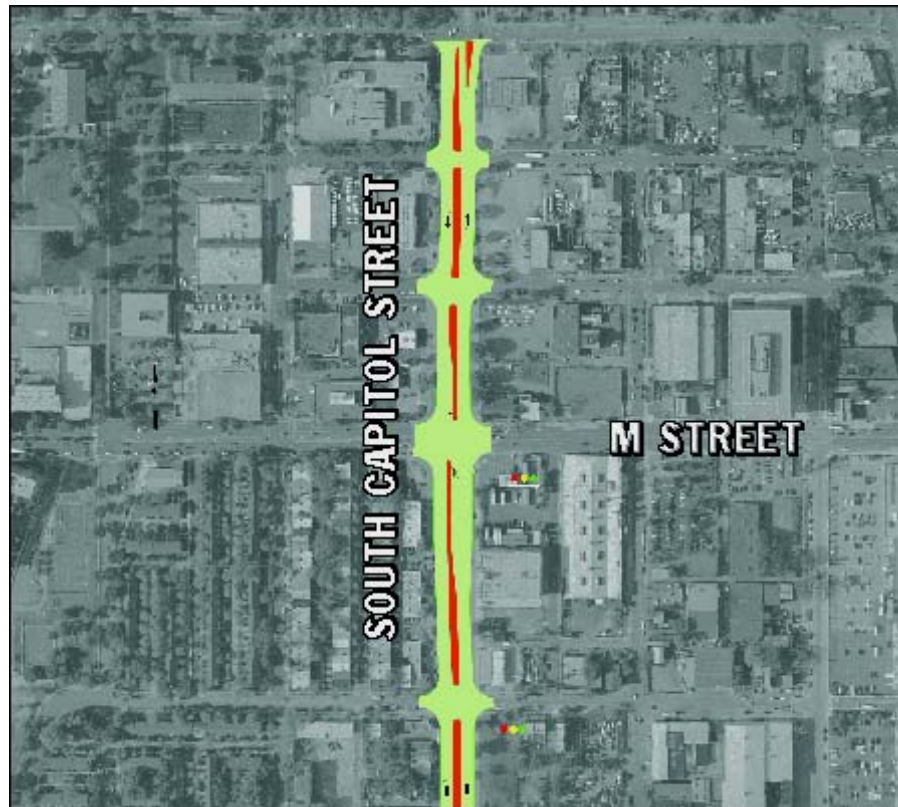




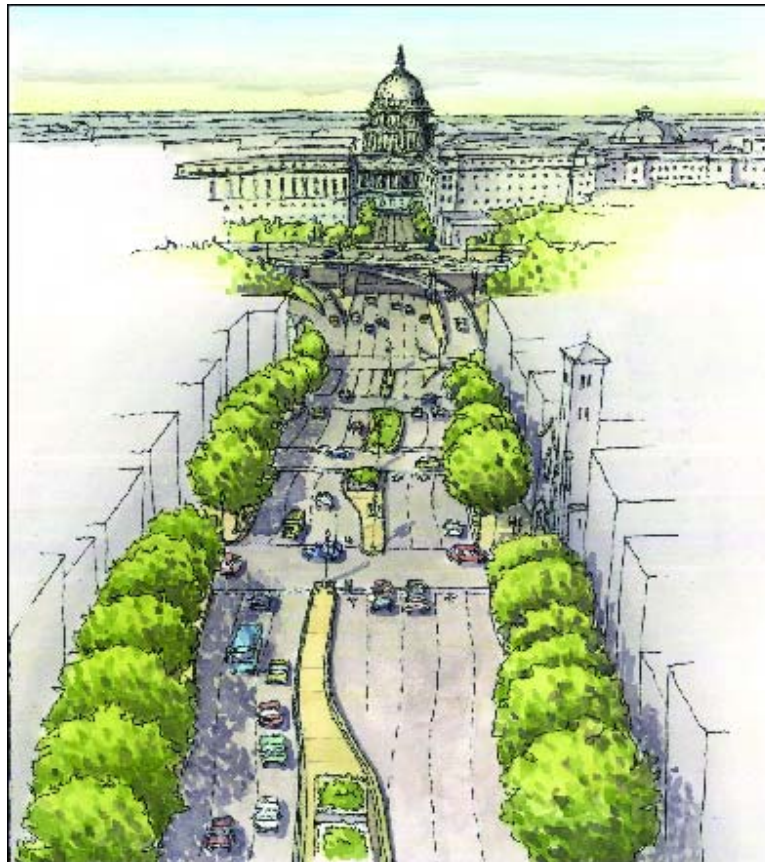
## High Visibility Crossing



# South Capitol Street and M Street At-Grade Intersection Option

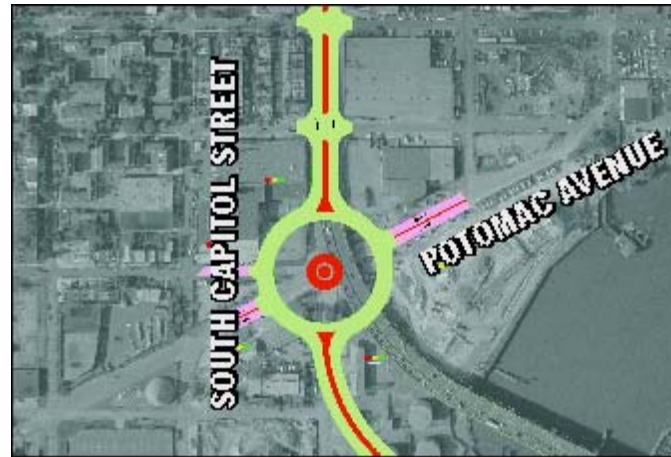


# South Capitol Street and M Street At-Grade Intersection Option





# South Capitol Street and Potomac Avenue

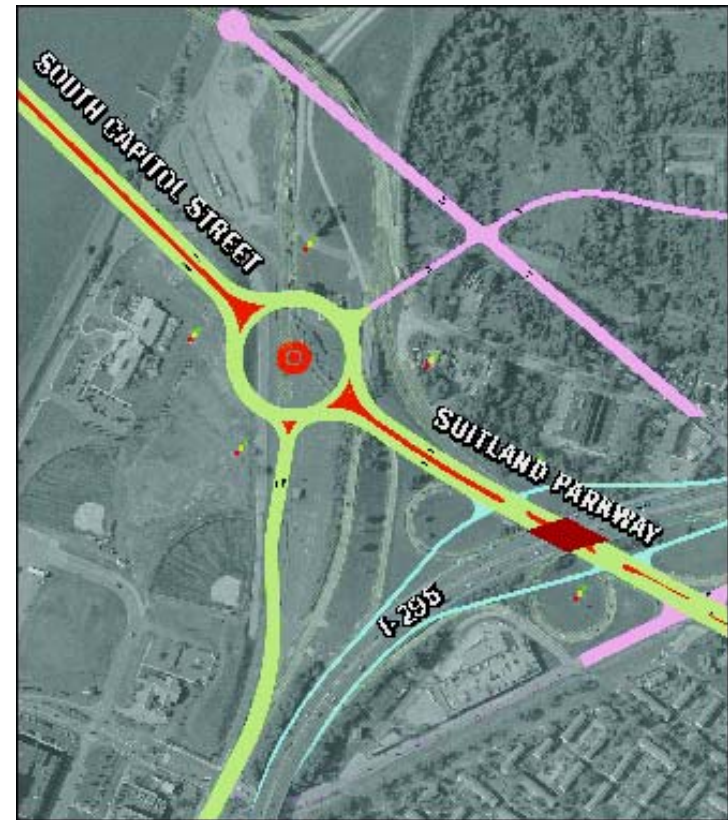
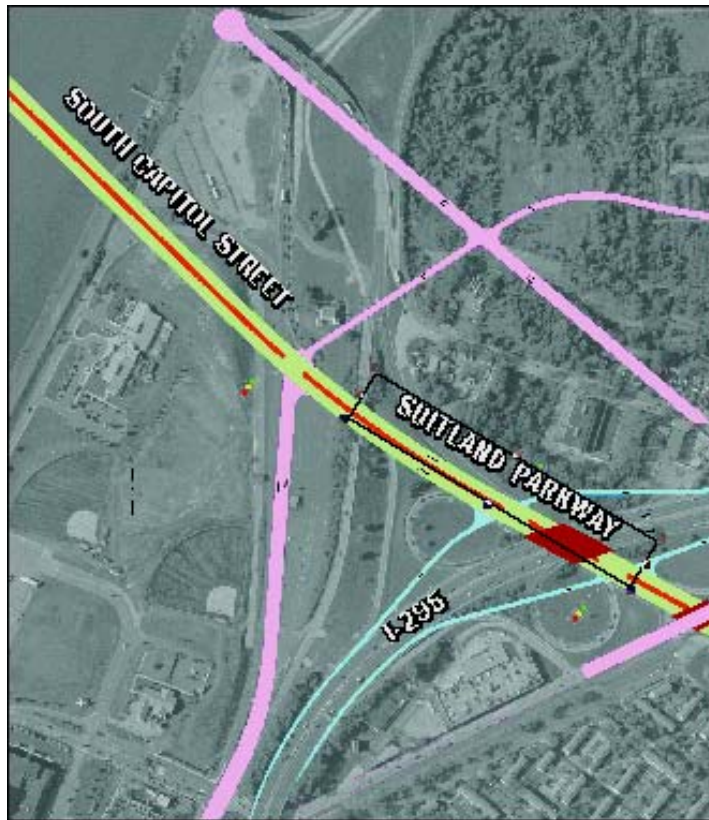




# South Capitol Street and Potomac Avenue Signalized Traffic Oval Option

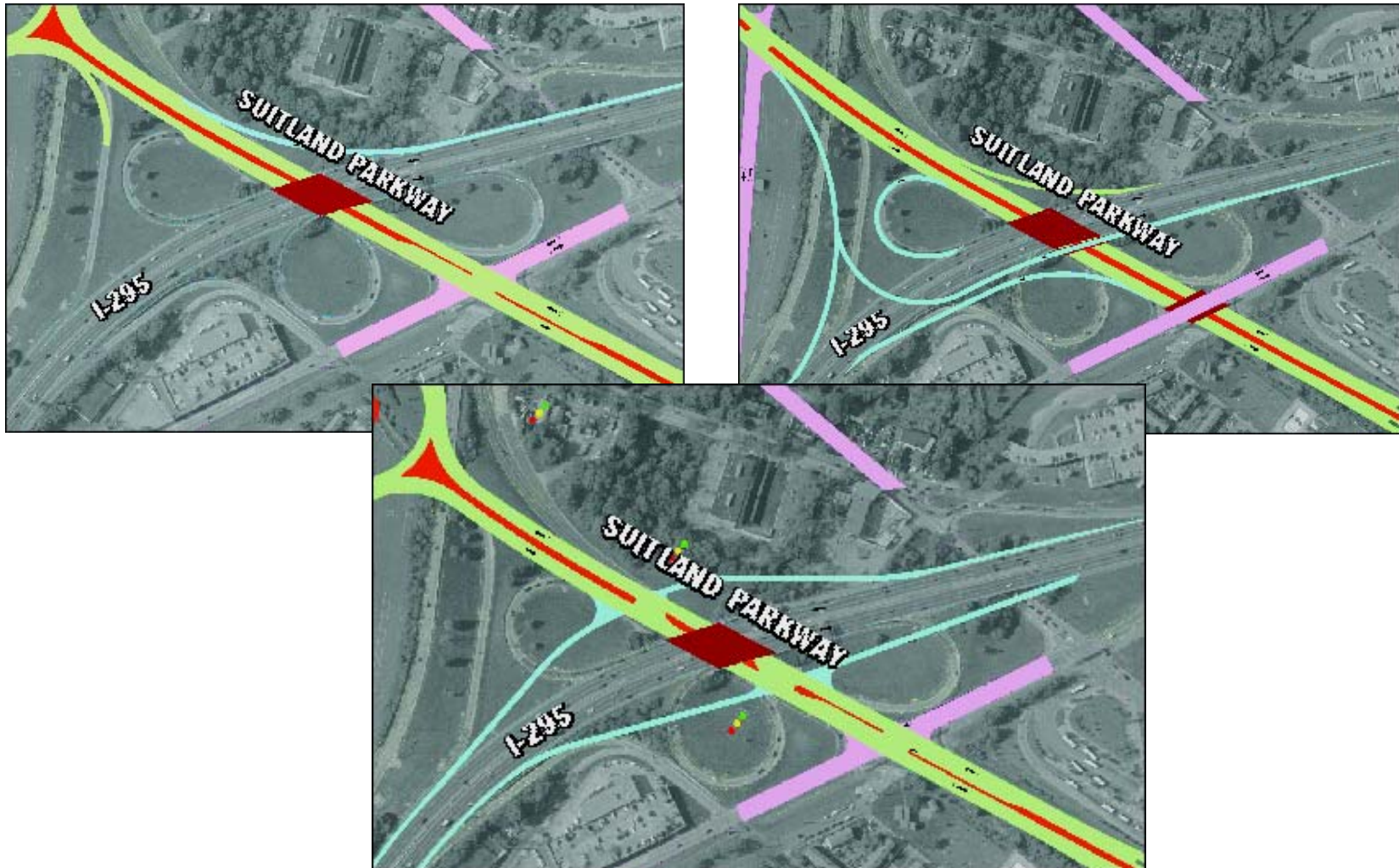


# South Capitol Street and Suitland Parkway

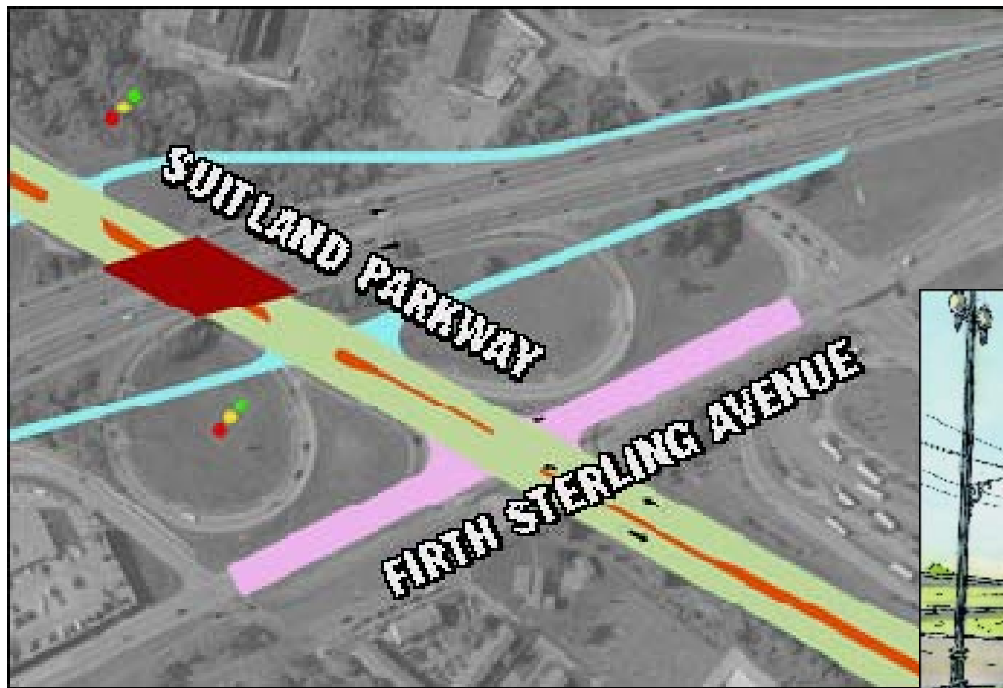




# Suitland Parkway and I-295 Interchange



## Suitland Parkway and Firth Sterling Avenue Modified Intersection Option

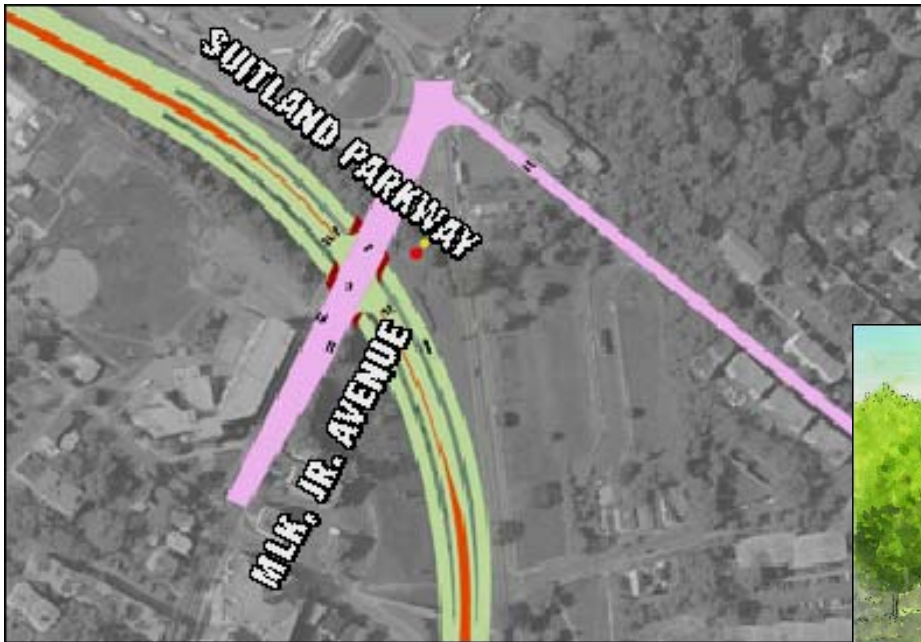




# Suitland Parkway and Firth Sterling Avenue Grade-Separation Option



# Suitland Parkway and Martin Luther King, Jr. Avenue Interchange Option





# Bicycle and Pedestrian Connections



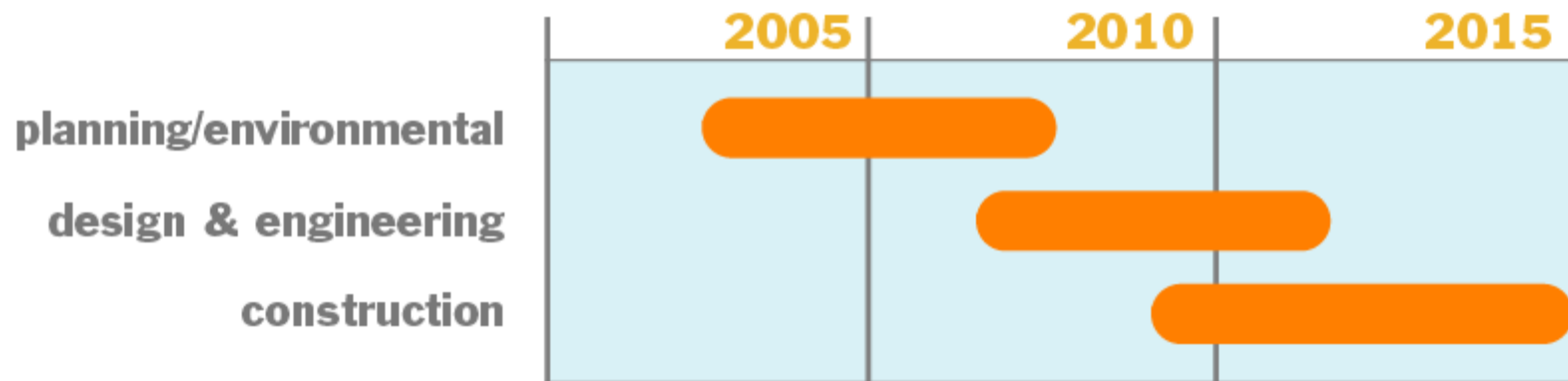
## Potential Transit Alignment

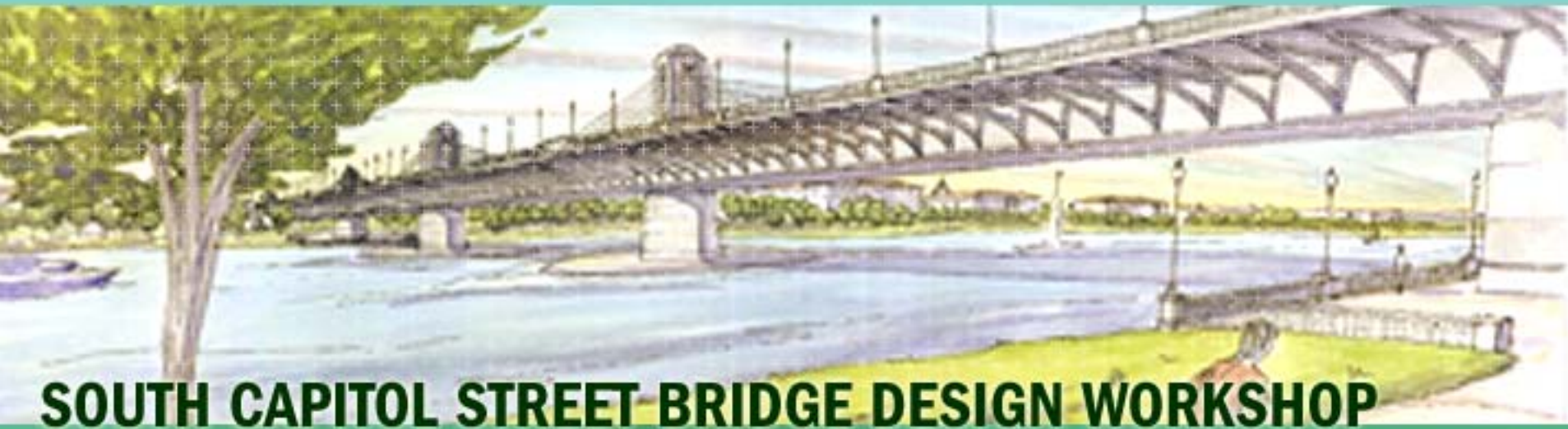




# Implementation Steps

## BRIDGE AND ROADWAY IMPROVEMENTS





## **SOUTH CAPITOL STREET BRIDGE DESIGN WORKSHOP**

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## Workshop Objectives

- Facilitate Discussion and build consensus
- Document respective issues and priorities
- Develop conceptual ideas
- Generate excitement and interest




## Highlights from the Workshop

- Participants:
  - Engineering and Architectural Students
  - Agencies
  - Consultants



# Highlights from the Workshop

- Overview of AWI, South Capitol Street, and Bridge types
  - First impressions
  - Group breakouts
  - Consensus
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- An aerial photograph showing a multi-lane bridge crossing a wide river. To the right of the bridge, a highway interchange with a curved ramp is visible, surrounded by green grass and some trees. The river is dark and calm.

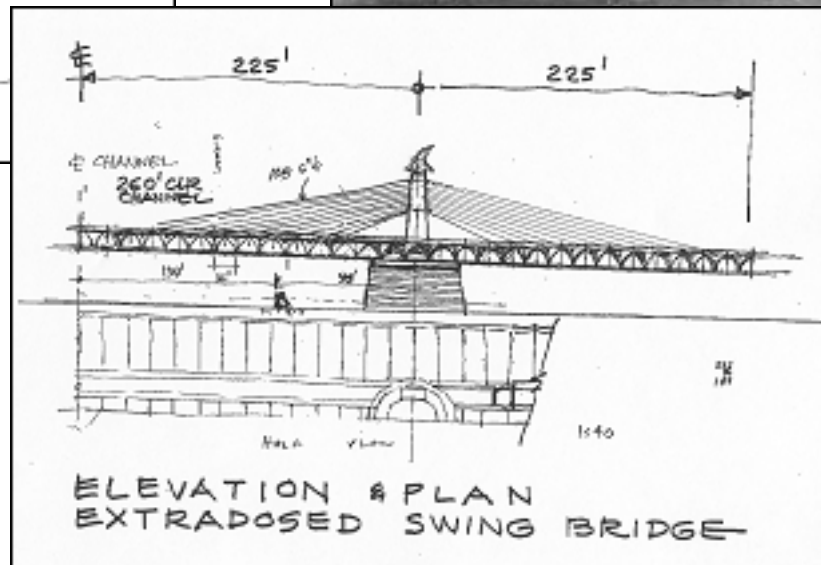
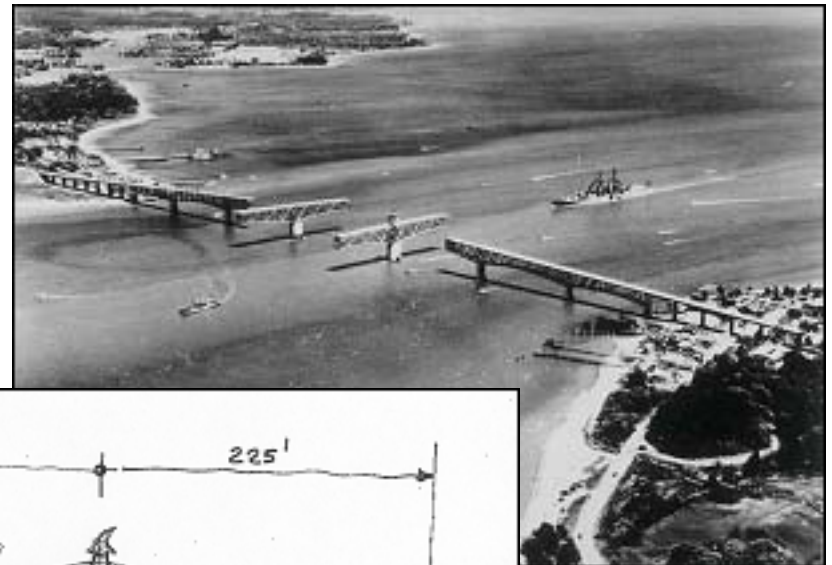
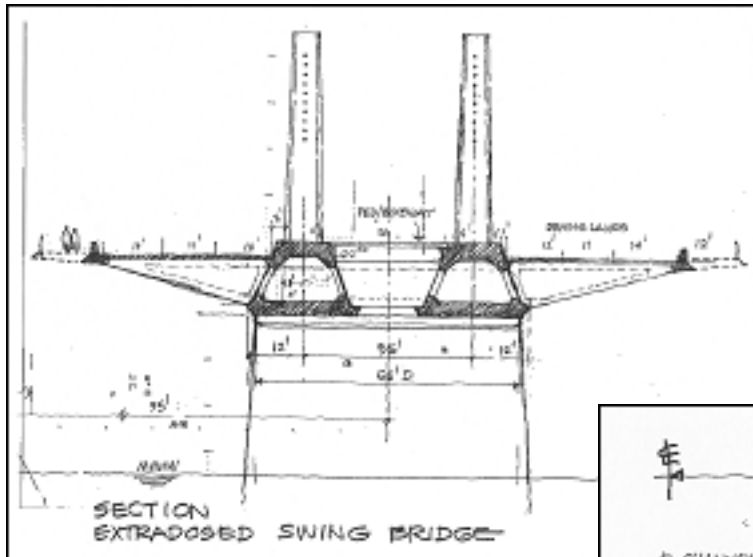


## Highlights from the Workshop

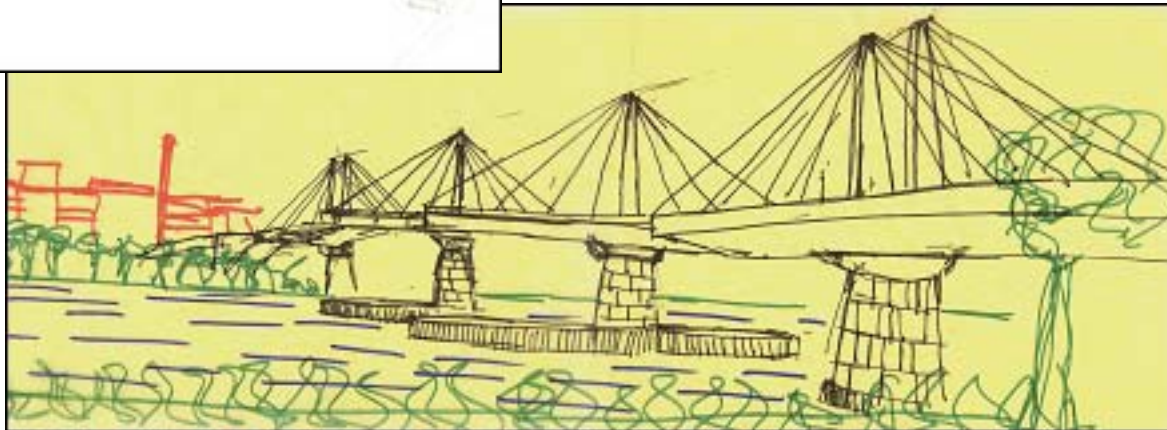
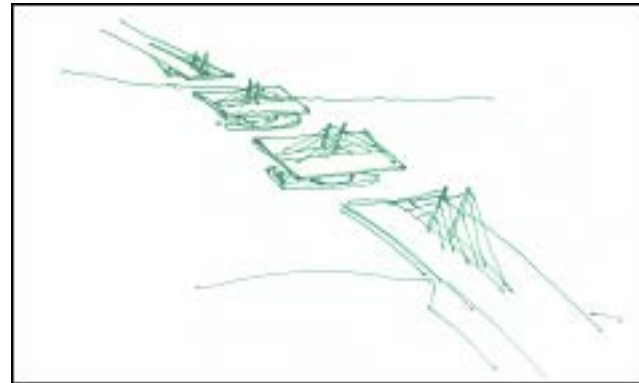
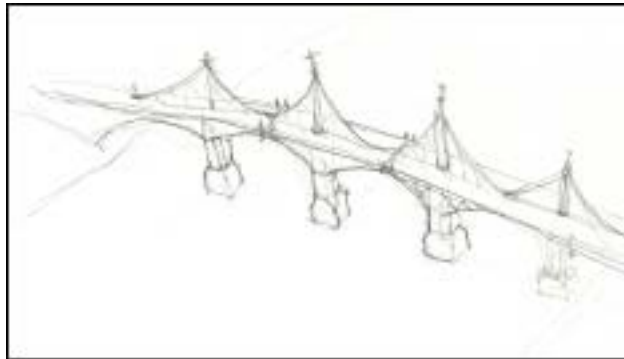
- Bridge alignment recommendations similar to Gateway Study
- Bridge approaches could be different at each end
- Bridge character to be urban in scale and resemble a city street
- Cross section to range from 80-130'
- Bridge would need a 150' movable span and could either be "basculer" or "swing span"



# Swing Span Bridge



# Swing Span Bridge

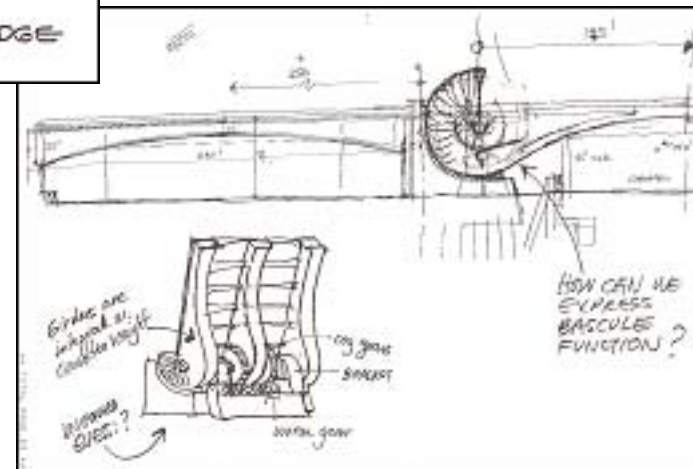
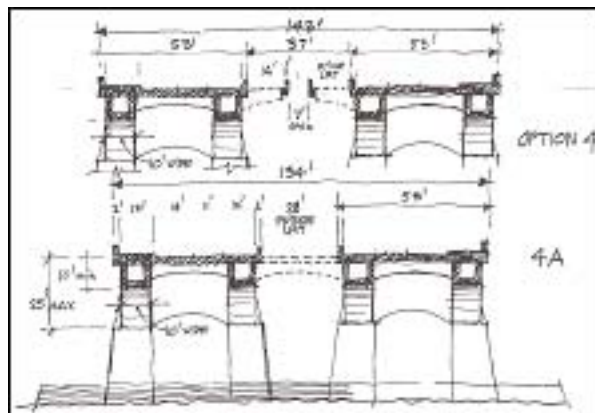
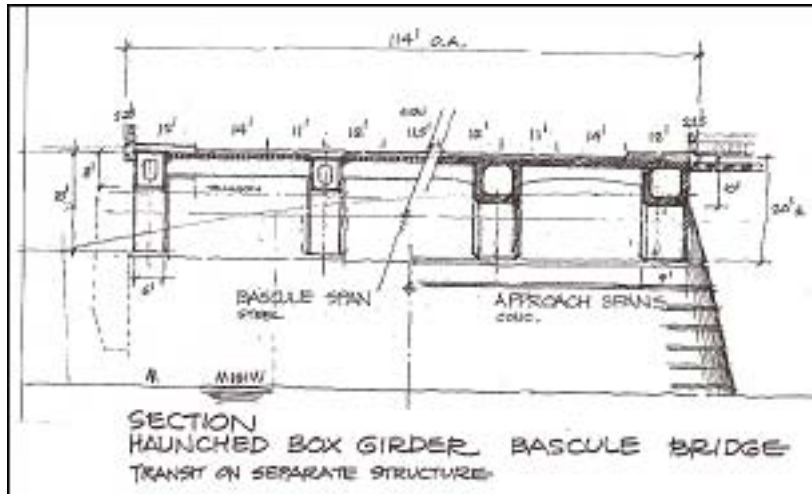


# Swing Span Bridge

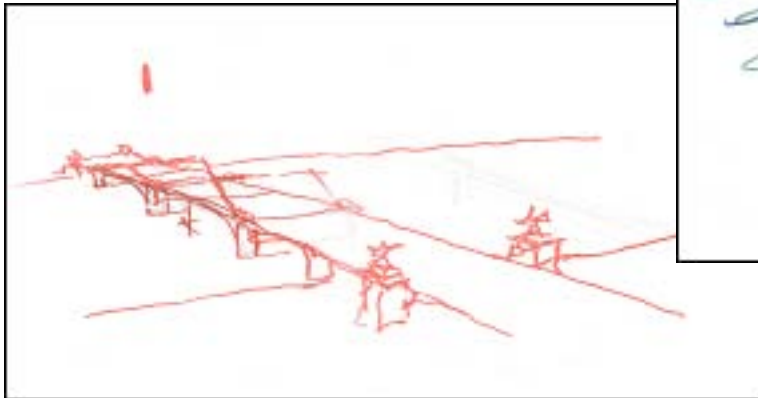
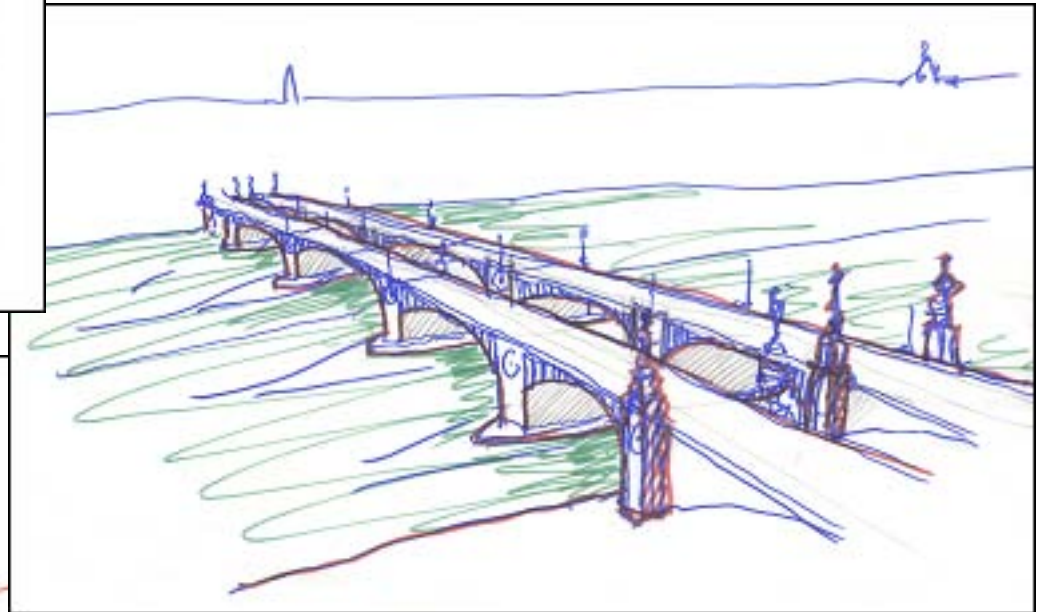
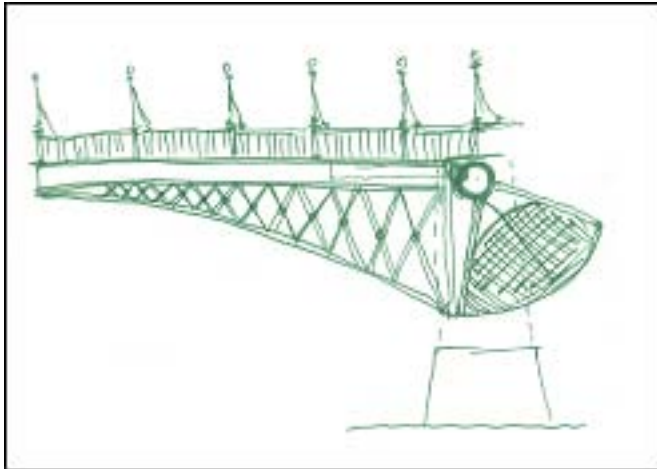




# Bascule Bridge



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## Williams/Mineta Press Conference

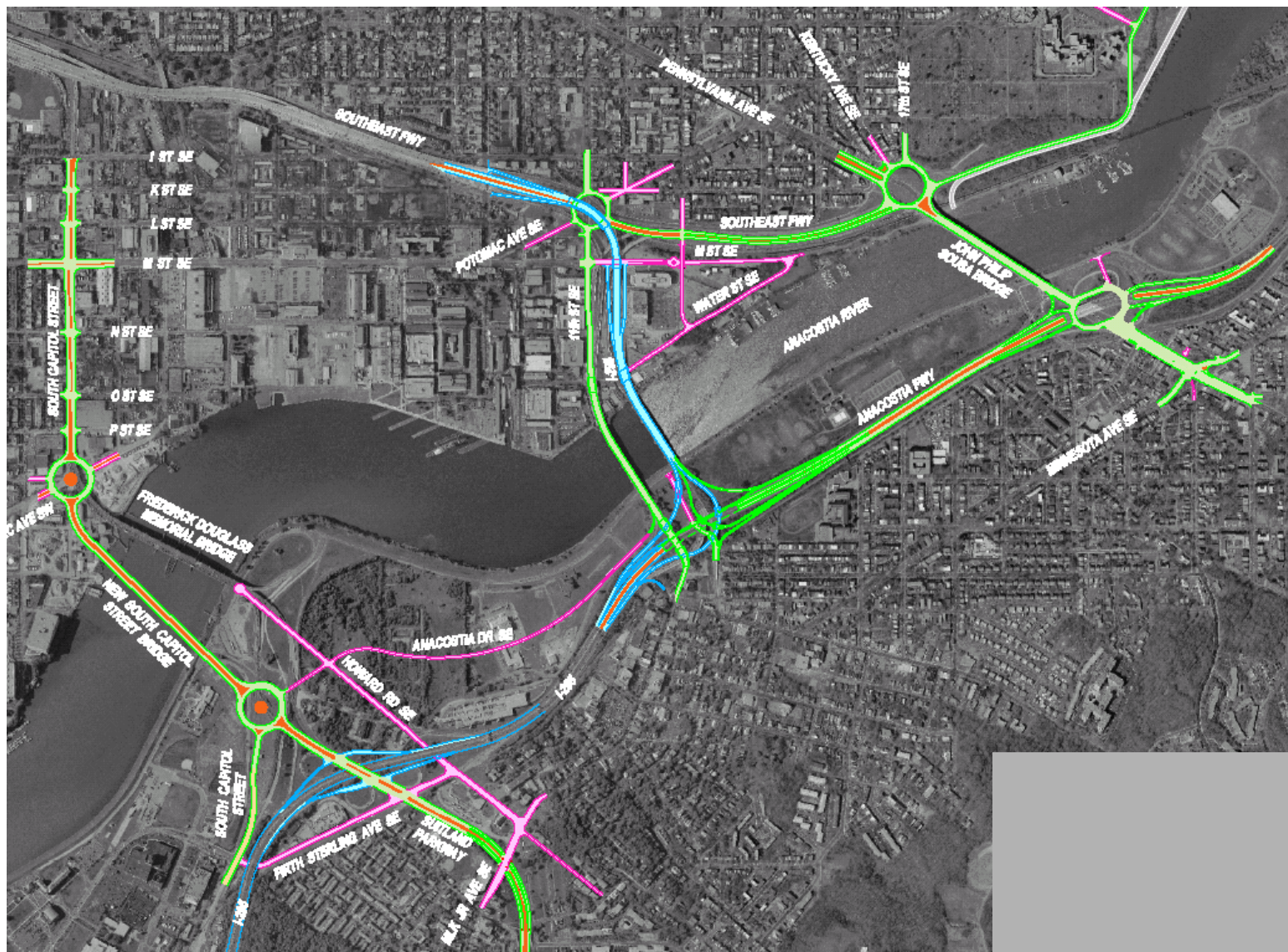




# Anacostia Waterfront

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CONNECTIVITY IMPROVEMENTS





# Questions?

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